SMART HD OPTICS • NIGHT VISION • THERMAL IMAGING • DAY/NIGHT SYSTEMS • ACTION CAMERAS

ATN 2015

THE FUTURE OF OPTICS

www.atncorp.com

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ATN - THE MOST ADVANCED OPTICS ON THE MARKET

American Technologies Network is the leading manufacturer of night vision, thermal imaging and digital day/night optics. For more than two decades, ATN has been an innovator of advanced electro-optics for all types of customers across the globe.
We strive to provide our customers with a wide array of technologies that includes:

- **NIGHT VISION**
- **THERMAL IMAGING**
- **SMART HD OPTICS**
- **ACTION CAMERAS**
- **THERMAL SECURITY CAMERAS**

ATN has created and developed advanced electro-optics for over 20 years in the USA. Headquartered in South San Francisco, CA - ATN takes great pride in cutting-edge manufacturing processes and our innovative R&D department.

The product line includes more than 200 different models of binoculars, monoculars, goggles, weapon sights and multi-purpose units - plenty of choices for every type of application.

Our products consistently meet the performance expectations and budget demands of our military, law enforcement and consumer customers. It is the respect for our customers that drives our exceptional customer service.

Whether it's our latest innovation or those which have become industry standards, we think you'll find ATN represents the best performance and value for electro-optics. Thank you for considering ATN products. We appreciate your trust and support.

Sincerely, James Munn, President of ATN Corp.

AMERICAN TECHNOLOGIES NETWORK CORP.

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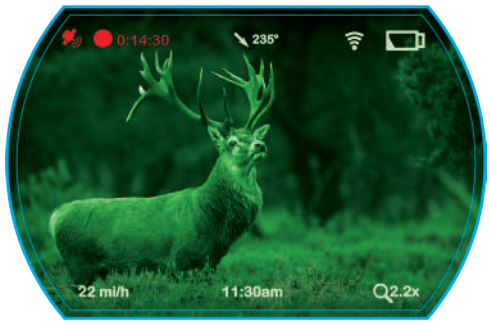
SMART HD OPTICS

ATN BinoX-HD
DAY&NIGHT BINOCULAR

REC HD PHOTO & VIDEO

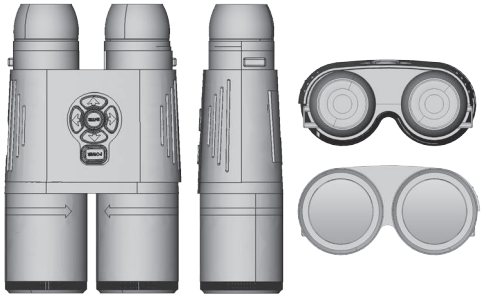
Day mode

Night mode



FEATURES

- RECORD VIDEO / CAPTURE PICTURES
- GPS
- IMAGE STABILIZATION/GYROSCOPE
- E-COMPASS
- ALTITUDE
- VELOCITY
- E-ZOOM
- GEOTAG
- BUILT-IN MICROPHONE



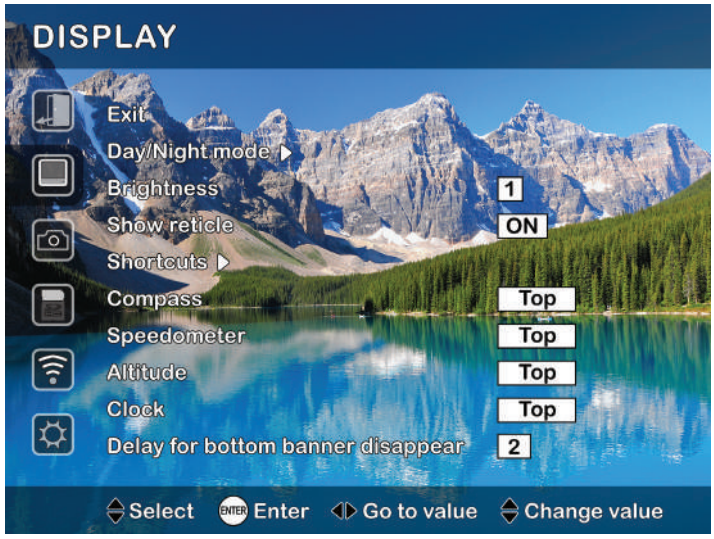
SMOOTH ZOOM

SPECIFICATIONS

	BinoX-HD
Item #	DGBNBNHDX2
Generation	Smart HD Optics
Magnification	4-16x
Sensor Resolution	1080p
Displays	Over 1 Million Pixels!!!!
Interpupillary Distance	Adjustable
Operation	Day/Night
Obsidian Core	1 GHz
Diopter adjustment	±5
SD Card	4 to 32 Gb
Video/Image Capturege Capture	1080p / 30 fps, 720p / 60 fps
Remote Viewfinder	via Android or IOS app
Operating temperature	-22°F to +140°F / -30°C to +60°C
Ports	Micro HDMI, Micro USB & Micro SD
Power	3 CR123 Batteries (accepts rechargeable)

OBSIDIAN USER INTERFACE

Setup your BinoX in a way that works best for you. It's easier then setting up your phone and just like your phone offers plenty of customization to make your BinoX - truly yours!



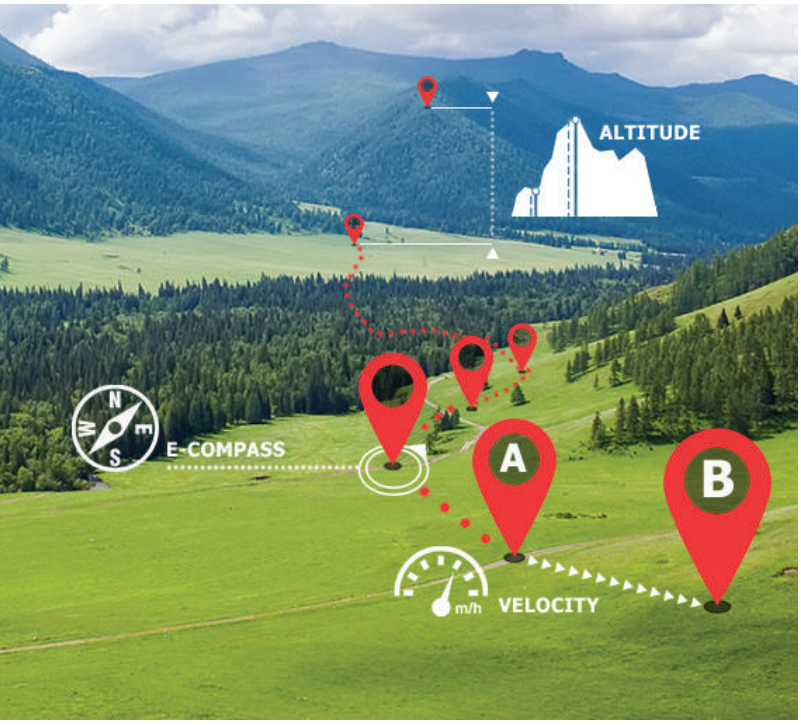
* Menu screen may vary from image

IMAGE STABILIZATION / GYROSCOPE

Keeping your image stable while holding on to a pair of binoculars is not always easy, especially if one is walking, in a moving car, or on the deck of a boat. Our 3D gyroscope sensor precisely measures all movement of the BinoX and adjusts your image accordingly.

GPS / GEOTAG

Geotagging has never been easier and more seamless. Record and track everywhere you've been and see it on an interactive map. Whether you are hunting or touring the Grand Canyon - now you can record exactly where your adventures took you.



WiFi

Built-in wifi allows a user to connect your BinoX through either a mobile device or a desktop computer. Use your phone as a viewfinder, upgrade to the latest firmware on the fly, record and share /images/videos, and much much more.

ATN BinoXS-HD
DAY&NIGHT BINOCULAR

DESCRIPTION

Experience Smart HD Optics. The ATN BinoX-HD binoculars are packed with so many features you will never want to use standard binoculars again. 24/7 use, GPS, Geotag, WiFi, E-zoom, record video, compass.

BinoX binoculars are the worlds most advanced digital binoculars. Powered by a 1 GHz internal computer they carry a suite of sensors to enable the Senses as never before. BinoX-HD — the binoculars for the 21st century.

SMART HD OPTICS

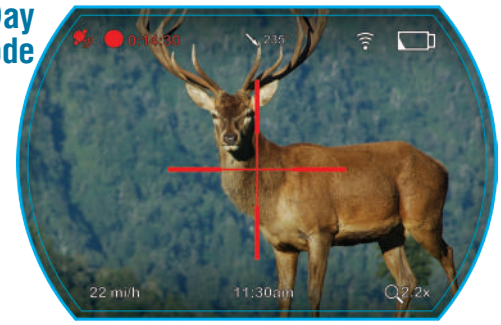
ATN X-Sight HD 3-12X/5-18X

DAY&NIGHT RIFLESCOPE

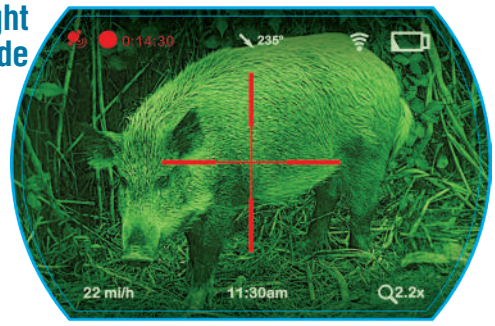
REC HD PHOTO & VIDEO

ATN X-Sight HD 5-18X

Day mode



Night mode



FEATURES

- RECORD VIDEO / CAPTURE PICTURES
- GPS
- IMAGE STABILIZATION/GYROSCOPE
- E-COMPASS
- ALTITUDE
- VELOCITY
- E-ZOOM
- GEOTAG
- BUILT-IN MICROPHONE

SMOOTH ZOOM

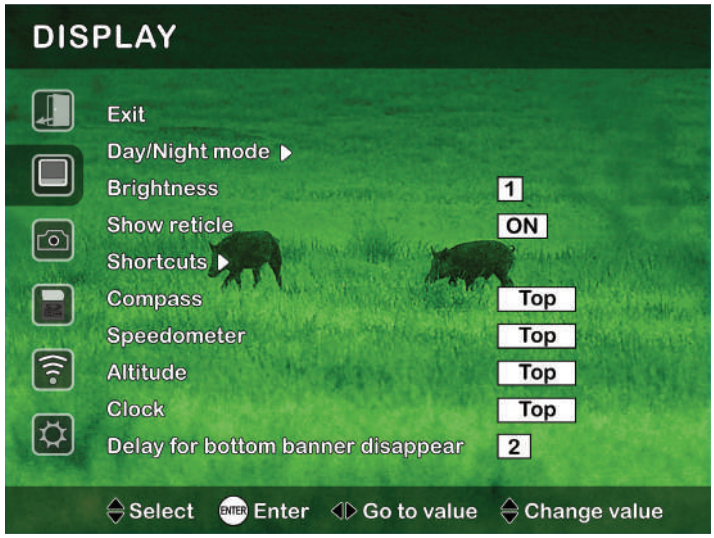
SPECIFICATIONS

	ATN X-Sight 3-12x	ATN X-Sight 5-18x
Item #	DGWSXS312A	DGWSXS518A
Generation	Smart HD Optics	
Magnification	3-12x	5-18x
Eye relief	67 mm	
IR source	detachable IR850	
Sensor	HD 1080p ATN L130 Sensor	
Display	1/2 Million Pixels	
Diopter adjustment	±5	
Ports	Micro HDMI, Micro USB & Micro SD	
Power	4 AA type batteries (lithium recommended)	
SD Card	4 to 32 Gb	
Video/Image Capture	1080p at 30fps & 720 at 60fps	
Remote View Finder	via IOS or Android app	
Dimensions	9,5" x 3.25" x 3.13" / 238 x 83 x 79 mm	10.3" x 3.5" x 3.2" / 262 x 88 x 82 mm
Weight	2.3 lb/ 1.05 kg	2.7 lb/ 1.22 kg

* Specifications subject to change without notice

OBSIDIAN USER INTERFACE

Setup your X-Sight in a way that works best for you. It's easier then setting up your phone and just like your phone offers plenty of customization to make your X-Sight truly yours!



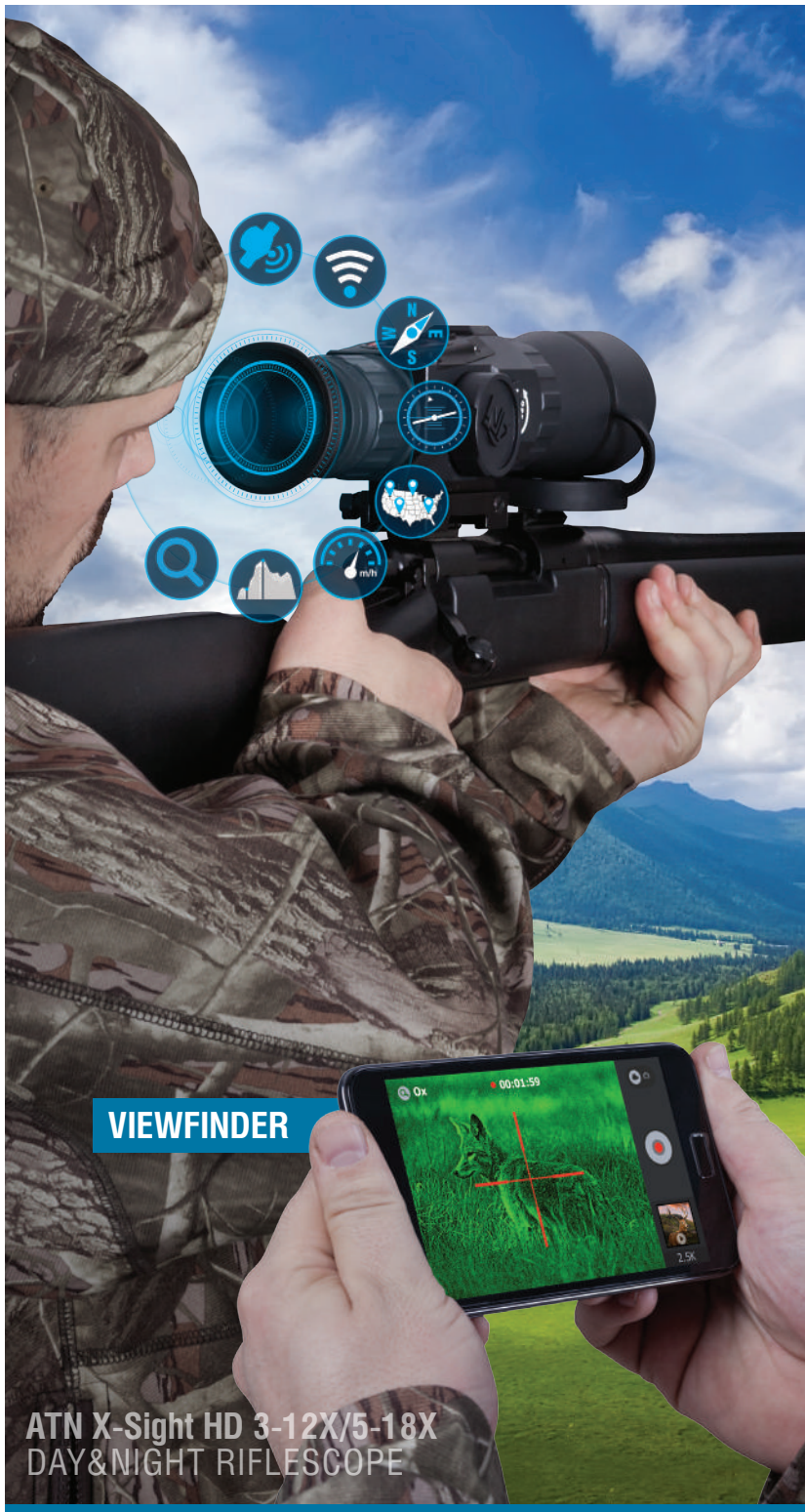
* Menu screen may vary from image

SMOOTH ZOOM

Unlike traditional optical systems our electronic zoom offers incredible flexibility and convenience to the user.

GPS / GEOTAG

Geotagging has never been easier and more seamless. Record and track everywhere you've been and see it on an interactive map. Whether you are hunting or touring the Grand Canyon - now you can record exactly where your adventures took you.



DESCRIPTION

Experience Smart HD Optics.

The ATN X-Sight weapon scopes are powered by the new revolutionary ATN Obsidian Core that runs a suite of sensors to cover all your needs. Perfect clarity in day or night, GPS, Geotag, WiFi, E-Zoom, Record HD Video/Images, Compass, Gyroscope, Smart Shooting Solutions, and much more.

X-Sight – the weapon scope for the 21st century.

SMART HD OPTICS

Shot Trak HD Series
HIGH DEFINITION GUN CAMERA

Shot Trak HD

Shot Trak-X HD

FEATURES

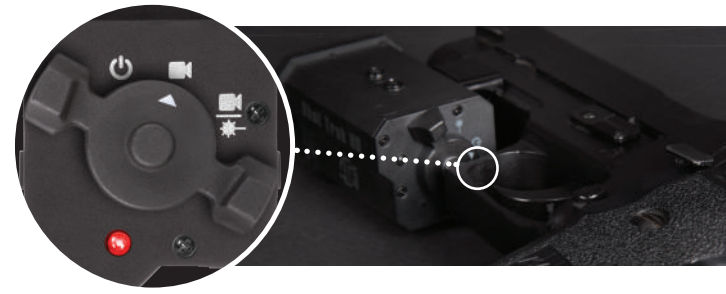
- FULL HD VIDEO 1920X1080 / 30 FPS
- BUILT-IN MICROPHONE
- 5 MEGA PIXEL CMOS
- MICRO SD CARD SLOT
- BRILLIANT LENS
- 5X THE MAGNIFICATION OF A STANDARD ACTION CAMERA
- 5 mW RED LASER WITH WINDAGE & ELEVATION ADJUSTMENTS
- WATER RESISTANT
- 1 CR123 BATTERY

SPECIFICATIONS

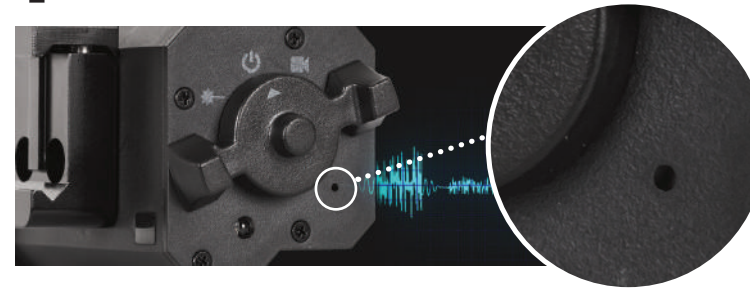
	Shot Trak HD	Shot Trak-X HD
Item #	SOGCSHTR1	SOGCSHTR2
Sensor	5 Megapixel CMOS	
Resolution	1920 x 1080 / 30 fps (Full HD)	
Video File	MPEG4 (H.264) .MOV File	
FOV	20°	
Range of Focus	8 yards to ∞	
Laser	No	5 mW Red Laser with Windage & Elevation Adjustments
Audio	Built-in microphone	
Storage	Micro SD card (2 to 32 Gb)	
Lens	Brilliant Lens	
Power	1 x CR123A battery	
Operational Time	2 hrs – Video Record	
Low Battery Indicator	Yes	
Water Resistant	Yes	
Mount	Standard Weaver Mount	
Dimensions	2.6" x 1.3" x 1.8" / 66 x 33 x 46 mm	
Weight	0.3 lb /120 g	
Warranty	Limited one year	

FULL HD VIDEO RECORD

SIMPLE TOGGLE SWITCH OPERATION



BUILT-IN MICROPHONE



www.atncorp.com e-mail: sales@atncorp.com, info@atncorp.com

TINIEST FULL HD TACTICAL SOLUTION

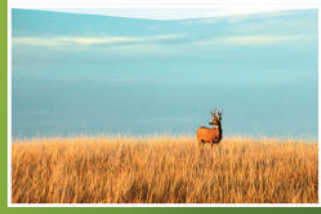
STANDARD WEAVER MOUNT

5X THE MAGNIFICATION OF A STANDARD ACTION CAMERA

Standard action cameras (ex: GoPro) are great for close ups and scenic views but rather useless if you want to make out your target as close as a hundred yards away. The Shot Trak's lens system brings your target 5X closer recording every detail of your adventure.

Shot Trak-X HD
5X The Magnification of a Standard Action Camera. Range - 70 yards

Standard action camera
Range - 70 yards



DESCRIPTION

Capture HD video with this revolutionary gun camera.

Designed by Shooters for Shooters, the Shot Trak HD mounts on any rifle, handgun, or bow to capture incredible color video of your target in full HD (1920 x 1080p). Most action cameras today offer only a wide lens that may take great videos close up but fail miserably when attempting to capture your game at a distance. The Shot Trak HD delivers 5 times the Magnification of a standard action camera capturing your action perfectly every time. It's the best way to show off your victories to your friends and family back home and online. View your videos on a wide screen TV or a mobile device.

Used for: hunting, archery, target shooting, home defense and law enforcement.

DNVM-4
DIGITAL NIGHT VISION COLOR MONOCULAR

FEATURES

- ERGONOMICALLY DESIGNED BODY FITS IN THE PALM OF YOUR HAND
- USE DAY OR NIGHT
- ULTRA BRIGHT TECHNOLOGY
- HIGH QUALITY OPTICS
- FULL COLOR DISPLAY
- VIDEO-OUT
- ADJUSTABLE GAIN/BRIGHTNESS CONTROL
- POWERFUL INFRARED ILLUMINATION

SPECIFICATIONS

	DNVM 4X
Item #	DGMNNVM4C
Technology	Ultra Bright Technology
Full Color Screen	Yes
Magnification	4x
Lens diameter	42 mm
Field of view	12°
Focus range	2 m - ∞
Diopter adjustment	±5
Power supply	1 x 3V (CR123A)
Video output	Yes
Brightness adjustment	Manual
Environmental Rating	Water and fog resistant
Operating temperature	-22°F to +140°F / -30°C to +60°C
Dimensions	7.2" x 3" x 2.5" / 183 x 76 x 64 mm
Weight	1.1 lb / 500 g
Warranty	2 years

ITEM NO.	MODEL NAME
DGMNNVM4C	DNVM-4 Digital NV Monocular 4x color

DESCRIPTION

For today's budget conscious outdoor enthusiast ATN presents the DNVM Digital Night Vision Monoculars. Recent advancements in low light digital sensor technology have allowed us to create a new line of night vision monoculars that provide the user with superior clarity and a high light gain at a minimal cost. An advanced manual brightness/gain adjustment allows the user to adjust the brightness of the unit to its surrounding area maximizing image clarity and light gain. No scene is too dark with the DNVMs, turn on the powerful built-in infrared illuminator and you can see even in total darkness. A wide array of magnification options combined with a compact, ergonomic design make the DNVM line from ATN an excellent unit for your night vision needs. The ATN DNVMs are perfect for camping, boating, or home security.

PVS14/6015 Series
NIGHT VISION MONOCULAR

ATN PVS14

FEATURES

- ORIGINALLY DESIGNED FOR THE U.S. ARMY
- MIL-STD-810
- LIGHTWEIGHT
- 1X MAGNIFICATION
- BRIGHTNESS CONTROL
- BRIGHT LIGHT CUT-OFF
- WATERPROOF
- HANDHELD OR HEAD-MOUNTED AS SINGLE EYE GOGGLE

ATN 6015

SPECIFICATIONS

	PVS14/6015
Total darkness IR system	Yes
Magnification	1x
Lens System	F1.2, 26 mm
Proshield lens coating	Yes
FOV	40°
Range of focus	0.25 yd/m to infinity
Diopter adjustment	-5 to +2
Controls	Direct
Automatic brightness control	Yes
Bright light cut-off	Yes
Infrared illuminator	Built-in
Infrared indicator	Yes
Low battery indicator	Yes
Power supply	1 x 1,5V (AA type battery)
Battery life	50 hours
Environmental rating	Waterproof
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions	4.5" x 2.2" x 2" / 114 x 56 x 50 mm
Weight	0.75 lbs /0.34 kg
Warranty	2 years

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVMPPVS1420	ATN PVS14/6015-2	2+ Gen.	40-45 lp/mm
NVMPPVS14C0	ATN PVS14/6015-CGT	CGT	45-54 lp/mm
NVMPPVS14H0	ATN PVS14/6015-HPT	HPT	64-72 lp/mm
NVMPPVS1430	ATN PVS14-3	3 Gen.	64 lp/mm
NVMPPVS143A	ATN PVS14-3A	3 Gen.	64-72 lp/mm
NVMPPVS143P	ATN PVS14-3P	3 Gen.	64-72 lp/mm
NVMPPVS14WP	ATN PVS14/6015-WPT™	WPT™	60-74 lp/mm
NVMP601540	ATN 6015-4	G4 AG/FL	64-72 lp/mm
INTERNATIONAL UNITS			
NVMP6015HI	ATN 6015-HPTI FOM <1400	HPT	51-64 lp/mm
NVMP60153I	ATN 6015-3I FOM <1400	3 Gen.	51-64 lp/mm
NVMP60153N	ATN 6015-3N FOM <1600	3 Gen.	64 lp/mm

ACCESSORY PACKAGES FOR ATN 6015 AND PVS14

ACMUHMNTMICH	MICH Helmet Mount Assembly USA
ACMUHMNTPAGS	PAGST Helmet Mount Assembly USA
ACMPPVSXL3A	3x Mil-Spec Magnifier Lens
ACMPPVSXL5A	5x Mil-Spec Magnifier Lens
ACCSHS1610	SKB Mil-Standard Hard case - 1610
ACMPPVSXWM01	Weapon Mount (PVS14/6015)

DESCRIPTION

ATNs PVS14 (1AA) is a rugged, lightweight and versatile Night Vision Monocular designed for the most demanding of nighttime applications. The ATN PVS14 (1AA) can be handheld, head/helmet-mounted for hands free usage or adapted to cameras/camcorders. Originally designed for the U.S. military, these units are of the highest quality in optics, design and functionality. The ATN PVS14 (1AA) is an outstanding choice for professional night vision applications.

Night Spirit MP
NIGHT VISION MONOCULAR

FEATURES

- COMPACT, RUGGED DESIGN
- HEAD OR HELMET MOUNTABLE FOR HANDS-FREE USAGE
- ERGONOMIC, SIMPLE, EASY TO OPERATE CONTROLS
- BRIGHT LIGHT CUT-OFF
- AUTO BRIGHTNESS CONTROL
- WEAPON MOUNTABLE
- WATERPROOF
- PICATINNY RAIL MOUNT
- LIMITED TWO-YEAR WARRANTY

SPECIFICATIONS

Magnification	1x
Lens System	F1.2, 27 mm
Proshield Lens Coating	Yes
FOV	40°
Range of Focus	0.25 m to infinity
Diopter Adjustment	-6 to +2
Controls	Digital
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
Automatic Shut-off System	Yes
Infrared Illuminator	Yes (Built-in with flood lens)
IR Indicator	Yes (in FOV)
Low Battery Indicator	Yes (in FOV)
Power Supply	1 x 3 V CR123A type battery
Battery Life	50-60 hrs
Environmental Rating	Waterproof
MIL-STD-810	Complies
Operating Temperature	-40 to +50 °C
Storage Temperature	-50 to +70 °C
Dimensions	150 x 75 x 56 mm / 6 x 3 x 2.25”
Weight (w/o battery)	340 g / 0,75 lbs
Warranty	2 years

Night Spirit MP

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVMNNSPM20	Night Spirit MP-2	2+ Gen.	40-45 lp/mm
NVMNNSPMC0	Night Spirit MP-CGT	CGT	45-54 lp/mm
NVMNNSPMW0	Night Spirit MP-WPT	WPT	45-54 lp/mm
INTERNATIONAL UNITS			
NVMNNSPM2I	Night Spirit MP-2I	2+ Gen.	40-45 lp/mm
NVMNNSPM2J	Night Spirit MP-2IA	2+ Gen.	40-45 lp/mm
NVMNNSPMCI	Night Spirit MP-CGTI	CGT	45-54 lp/mm
NVMNNSPMWI	Night Spirit MP-WPTI	WPTI	45-54 lp/mm

Night Spirit MP with 3X lens

ACCESSORY PACKAGES FOR ATN NIGHT SPIRIT MP

ACMPAN14GK	Goggle Kit
ACMPAN14HMNT	Universal Helmet Mount Kit
ACMPAN14CA	CAMERA ADAPTER
ACMPAN14LS3A	3x lens
ACMPAN14LS05	5x lens
ACMPAN14PCWM	Piaccantiny mount adapter
ACMUIR85B1	IR850-B1 (NVM14, Night Spirit MP, PS15)

DESCRIPTION

The ATN Night Spirit MP Multipurpose Night Vision Monocular is a high performance modular night vision device. The ATN Night Spirit MP s great flexibility makes it an ideal choice for use by elite units, military personnel conducting CQB style operations, the tactical law enforcement teams operating in the urban or MOUT environment and by security-conscious civilians. The ATN Night Spirit MP can be handheld, head-mounted, and can be attached to a helmet or weapon. Compatible with most IR laser aiming/illuminating devices, this model defines multi-mission versatility. This high performance unit enables walking, driving, weapon firing, short-range surveillance, map reading, vehicle maintenance, and administering first aid during nighttime operations. The ATN Night Spirit MP Multipurpose Night Vision Monocular is also equipped with ATN's Total Darkness Technology featuring a built-in infrared light-emitting source giving it maximum flexibility even when available ambient light is minimal. The technologically advanced ATN Night Spirit MP guarantees a tactical advantage for any user operating at night, whether military, law enforcement, or civilian.

NVM-14 Series
NIGHT VISION MONOCULAR

FEATURES

- HEAD OR HELMET MOUNTABLE FOR HANDS-FREE USAGE
- ERGONOMIC, SIMPLE, EASY TO OPERATE CONTROLS
- WEAPON MOUNTABLE
- COMPACT, RUGGED DESIGN
- AUTOMATIC BRIGHTNESS CONTROL
- WATERPROOF
- USE 1 CR123A TYPE BATTERY
- BUILT-IN INFRARED ILLUMINATOR

SPECIFICATIONS

Total darkness IR system	Yes
Magnification	1x
Lens System	F1.2, 27 mm
Proshield lens coating	Yes
FOV	40°
Range of focus	0.25 yd/m to infinity
Diopter adjustment	-6 to +2
Controls	Direct
Automatic brightness control	Yes
Bright light cut-off	Yes
Infrared illuminator	Built-in
Infrared indicator	Yes
Low battery indicator	Yes
Power supply	1x3v CR123A or 1 AA
Battery life	50 (CR123A) or 30 (AA) hours
Environmental rating	Waterproof
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions	4.7" x 1.9" x 2.7" / 120 x 49 x 69 mm
Weight	0.75 lbs /0.34 kg
Warranty	2 years

ACCESSORY PACKAGES FOR NVM-14 SERIES

ACMPAN14A1	Advanced Package 1:
ACMPAN14A2	Advanced Package 2:
ACMPAN14S1	Select Package 1:
ACMPAN14S2	Select Package 2:
ACMPAN14GK	Goggle Kit:
ACMPAN14HMNT	Universal Helmet Mount Kit
ACMPAN14HMNM	MICH Helmet Mount Kit
ACMPAN14HMNP	PAGST Helmet Mount Kit

ACMPAN14CA	Camera Adapter
ACMPAN14LS3A	3x lens:
ACMPAN14LS05	5x lens:
ACMPAN14LS08	8x lens:
ACMPAN14AFDT	Scope Adapter Mount
ACMPAN14DB	Dual Bridge (mini)
ACMPAN14PCWM	Piaccantiny mount adapter
ACMUIR45B4AN14	IR450-B4

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVMPAN1420	NVM14-2	2+ Gen.	40-45 lp/mm
NVMPAN14C0	NVM14-CGT	CGT	45-54 lp/mm
NVMPAN14H0	NVM14-HPT	HPT	54-72 lp/mm
NVMPAN1430	NVM14-3	3 Gen.	64 lp/mm
NVMPAN143A	NVM14-3A	3 Gen.	64-72 lp/mm
NVMPAN143P	NVM14-3P	3 Gen.	64-72 lp/mm
NVMPAN14WP	NVM14-WPT™*	WPT™	60-74 lp/mm
NVMPAN1440	NVM14-4	G4 AG/FL	64-72 lp/mm
	INTERNATIONAL UNITS		
NVMPAN142I	NVM14-2I	2+ Gen.	40-45 lp/mm
NVMPAN142J	NVM14-2IA	2+ Gen.	40-45 lp/mm
NVMPAN14CI	NVM14-CGTI	CGT	45-54 lp/mm
NVMPAN14HI	NVM14-HPTI FOM <1400	HPT	51-64 lp/mm
NVMPAN143I	NVM14-3I FOM <1400	3 Gen.	51-64 lp/mm
NVMPAN143N	NVM14-3N FOM <1600	3 Gen.	64 lp/mm

DESCRIPTION

The ATN NVM14 Multipurpose Night Vision Monocular is a high performance modular night vision device. The NVM14's great flexibility makes it an ideal choice for use by elite units, military personnel conducting CQB style operations, tactical law enforcement teams operating in urban or MOUT environments and security conscious civilians. The ATN NVM14 multi-mission versatility is evident; it can be handheld, head-mounted, helmet-mounted, weapon mountable, and is compatible with most IR laser aiming/illuminating devices.

The technologically advanced ATN NVM14 guarantees a tactical advantage for any user operating at night, whether military, law enforcement, or civilian.

ATN Night Scout gen 2-WPT
NIGHT VISION BINOCULARS

FEATURES

- EASY-TO-USE DIGITAL CONTROLS
- WEATHER RESISTANT
- USE 1 CR123A TYPE BATTERY
- AUTOMATIC SHUT-OFF SYSTEM
- LONG-RANGE INFRARED ILLUMINATOR
- POWERFUL 5X MAGNIFICATION

SPECIFICATIONS

Total darkness IR system	Yes
Magnification	5x
Lens System	F1.2, 90 mm
Proshield lens coating	Yes
FOV	20°
Range of focus	20 yd/m to infinity
Diopter adjustment	-5 to +5
Controls	Digital
Automatic brightness control	No
Bright light cut-off	Yes
Infrared illuminator	Built-in
Infrared indicator	Yes
Low battery indicator	Yes
Power supply	1 x 3V (CR123A)
Battery life	60 hours
Environmental rating	Weather resistant
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions	9" x 6" x 3" / 225 x 150 x 75 mm
Weight	3.3 lbs /1.5 kg
Warranty	2 years

DESCRIPTION

The ATN Night Scout VX Night Vision binoculars were designed to be a cost effective night vision binocular without giving up quality or night vision performance. This is a compact, lightweight, dual image tube system that provide for depth perception and the comfort of use you would receive out of a pair of binoculars. The ATN Night Scout-VX has configurations to satisfy all budgets and performance requirements. The best part is that if there is no light to amplify, with the help of the infrared illuminator, you can cut through the darkness. The Night Scout-VX is the best value on the market for night vision binoculars.

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVBNNSCV20	Night Scout VX-2	2+ Gen.	40-45 lp/mm
NVBNNSCVC0	Night Scout VX-CGT	CGT	45-54 lp/mm
NVBNNSCVW0	Night Scout VX-WPT™	WPT™	45-54 lp/mm

INTERNATIONAL UNITS

NVBNNSCV2I	Night Scout VX-2I	2+ Gen.	40-45 lp/mm
NVBNNSCV2J	Night Scout VX-2IA	2+ Gen.	40-45 lp/mm
NVBNNSCVCI	Night Scout VX-CGTI	CGT	45-54 lp/mm
NVBNNSCVWI	Night Scout VX-WPTI	WPT™	45-54 lp/mm

ATN NVB series
NIGHT VISION BINOCULARS

ATN NVB 5X

FEATURES

- 3X or 5X or 8X MAGNIFICATION
- ADJUSTABLE INTERPUPILLARY DISTANCE
- AUTOMATIC BRIGHTNESS CONTROL
- DETACHABLE LONG RANGE INFRARED ILLUMINATOR
- WATER AND FOG RESISTANTUSE
- 1 CR123A OR AA TYPE BATTERY

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVBNB03X20	NVB3X-2	2+ Gen.	40-45 lp/mm
NVBNB03XC0	NVB3X-CGT	CGT	45-54 lp/mm
NVBNB03XW0	NVB3X-WPT	WPT™	45-54 lp/mm
NVBNB03XH0	NVB3X-HPT	HPT	54-72 lp/mm
NVBNB03X30	NVB3X-3	3 Gen.	64 lp/mm
NVBNB03X3A	NVB3X-3A	3 Gen.	64 lp/mm
NVBNB03X3P	NVB3X-3P	3 Gen.	64-72 lp/mm
NVBNB05X20	NVB5X-2	2+ Gen.	40-45 lp/mm
NVBNB05XC0	NVB5X-CGT	CGT	45-54 lp/mm
NVBNB05XW0	NVB5X-WPT	WPT™	45-54 lp/mm
NVBNB05XH0	NVB5X-HPT	HPT	54-72 lp/mm
NVBNB05X30	NVB5X-3	3 Gen.	64 lp/mm
NVBNB05X3A	NVB5X-3A	3 Gen.	64-72 lp/mm
NVBNB05X3P	NVB5X-3P	3 Gen.	64-72 lp/mm
NVBNB08X20	NVB8X-2	2+ Gen.	40-45 lp/mm
NVBNB08XC0	NVB8X-CGT	CGT	45-54 lp/mm
NVBNB08XW0	NVB8X-WPT	WPT™	45-54 lp/mm
NVBNB08XH0	NVB8X-HPT	HPT	54-72 lp/mm
NVBNB08X30	NVB8X-3	3 Gen.	64 lp/mm
NVBNB08X3A	NVB8X-3A	3 Gen.	64 lp/mm
NVBNB08X3P	NVB8X-3P	3 Gen.	64-72 lp/mm
	INTERNATIONAL UNITS		
NVBNB03X2I	NVB3X-2I	2+ Gen.	40-45 lp/mm
NVBNB03X2J	NVB3X-2IA	2+ Gen.	40-45 lp/mm
NVBNB03XCI	NVB3X-CGTI	CGT	45-54 lp/mm
NVBNB03XWI	NVB3X-WPTI	WPT™	45-54 lp/mm
NVBNB03XHI	NVB3X-HPTI FOM 1400	HPT	51-64 lp/mm
NVBNB03X3I	NVB3X-3I FOM 1400	3 Gen.	51-64 lp/mm
NVBNB03X3N	NVB3X-3N FOM 1600	3 Gen.	64 lp/mm
NVBNB05X2I	NVB5X-2I	2+ Gen.	40-45 lp/mm
NVBNB05X2J	NVB5X-2IA	2+ Gen.	40-45 lp/mm
NVBNB05XCI	NVB5X-CGTI	CGT	45-54 lp/mm
NVBNB05XWI	NVB5X-WPTI	WPT™	45-54 lp/mm
NVBNB05XHI	NVB5X-HPTI FOM 1400	HPT	51-64 lp/mm
NVBNB05X3I	NVB5X-3I FOM 1400	3 Gen.	51-64 lp/mm
NVBNB05X3N	NVB5X-3N FOM 1600	3 Gen.	64 lp/mm
NVBNB08X2I	NVB8X-2I	2+ Gen.	40-45 lp/mm
NVBNB08X2J	NVB8X-2IA	2+ Gen.	40-45 lp/mm
NVBNB08XCI	NVB8X-CGTI	CGT	45-54 lp/mm
NVBNB08XWI	NVB8X-WPTI	WPT™	45-54 lp/mm
NVBNB08XHI	NVB8X-HPTI FOM 1400	HPT	51-64 lp/mm
NVBNB08X3I	NVB8X-3I FOM 1400	3 Gen.	51-64 lp/mm
NVBNB08X3N	NVB8X-3N FOM 1600	3 Gen.	64 lp/mm

SPECIFICATIONS

Model	NVB3x	NVB5x	NVB8x
Total darkness IR system	Yes		
Magnification	3x	5x	8x
Lens System	F1.5, 70 mm	130 mm, Catadi-optric	216 mm, Catadioptric
Proshield lens coating	Yes		
FOV	14°	14°	14°
Range of focus	5 yd/m to infinity	10 yd/m to infinity	5 yd/m to infinity
Diopter adjustment	-6 to +5		
Controls	Direct		
Automatic brightness control	Yes		
Bright light cut-off	Yes		
Infrared illuminator	Built-in		
Infrared indicator	Yes		
Low battery indicator	Yes		
Power supply	1 x 3V (CR123A)		
Battery life	50-60 hours		
Environmental rating	Waterproof		
Operating temperature	-40°F to +122°F / -40°C to +50°C		
Storage temperature	-58°F to +158°F / -50 to +70 °C		
Dimensions	8.4" x 6" x 3" / 212 x 150 x 75 mm	7.9" x 6" x 3" / 200 x 150 x 75 mm	8.4" x 6" x 5.3" / 212 x 150 x 133 mm
Weight	1.8 lbs /0.82 kg	1.95 lbs /0.88 kg	3.75 lbs /1.7 kg
Warranty	2 years		

ATN NVB 8X

ATN NVB 3X

DESCRIPTION

ATN NVB series of Night Vision Bi-oculars.

The ATN NVB3 and ATN NVB5 are medium range Night Vision Bi-ocular.s They combines a high quality image intensifier tube with a two eyepieces that lets the user comfortably look through the unit with both eyes. The NVB provides the user with excellent resolution and a wider field of view then other units.

The NVB8 is a powerful long rang night vision bi-ocular. Incredible 8x magnification provides the user high resolution and clarity over extended ranges. They are waterproof and can withstand the rigors of almost any environment. The NVB8 will give you the range and clarity that other bi-oculars simply can not touch.

ATN NVG7 Series
NIGHT VISION GOGGLES

FEATURES

- HANDHELD, HEAD-MOUNTED OR HELMET-MOUNTED
- WATER AND FOG RESISTANT
- USE 1 CR123A TYPE BATTERY
- BRIGHT LIGHT CUT-OFF
- ADJUSTABLE INTERPUPILLARY DISTANCE
- AUTOMATIC BRIGHTNESS CONTROL
- WIDE ANGLE INFRARED ILLUMINATOR
- 1X MAGNIFICATION

SPECIFICATIONS

Total darkness IR system	Yes
Magnification	1x
Lens System	F1.2, 26 mm
Proshield lens coating	Yes
FOV	40°
Range of focus	1 yd/m to infinity
Diopter adjustment	-6 to +2
Controls	Direct
Automatic brightness control	Yes
Bright light cut-off	Yes
Infrared illuminator	Built-in
Infrared indicator	Yes
Low battery indicator	Yes
Power supply	1 x 3V (CR123A)
Battery life	60 hours
Environmental rating	Waterproof
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions	6.3" x 6" x 3" / 160 x 150 x 75 mm
Weight	1.1 lbs /0.5 kg
Warranty	2 years

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVGONVG720	NVG7-2	2+ Gen.	40-45 lp/mm
NVGONVG7C0	NVG7-CGT	CGT	45-54 lp/mm
NVGONVG7H0	NVG7-HPT	HPT	55-72 lp/mm
NVGONVG7W0	NVG7-WPT™	WPT™	45-54 lp/mm
NVGONVG730	NVG7-3	3 Gen.	64 lp/mm
NVGONVG73A	NVG7-3A	3 Gen.	64-72 lp/mm
NVGONVG73P	NVG7-3P	3 Gen.	64-72 lp/mm

INTERNATIONAL UNITS

NVGONVG72I	NVG7-2I	2+ Gen.	40-45 lp/mm
NVGONVG72J	NVG7-2IA	2+ Gen.	40-45 lp/mm
NVGONVG7CI	NVG7-CGTI	CGT	45-54 lp/mm
NVGONVG7WI	NVG7-WPTI	WPTI	45-54 lp/mm
NVGONVG7HI	NVG7-HPTI FOM < 1400	HPT	51-64 lp/mm
NVGONVG73I	NVG7-3I FOM < 1400	3 Gen.	51-64 lp/mm
NVGONVG73N	NVG7-3N FOM < 1600	3 Gen.	64 lp/mm

ACCESSORY PACKAGES FOR NVG7 SERIES

ACGONVG7LSC3	3x lens for NVG-7
ACGONVG7LSC5	5x Catadioptric lens for NVG-7
ACGONVG7LSC8	8x Catadioptric lens for NVG-7
ACGONVG7HMNT	Universal Helmet Mount Kit
ACGONVG7HMNM	MICH Helmet Mount Kit
ACGONVG7HMNP	PAGST Helmet Mount Kit
ACMUIR45B3	IR450-B3

DESCRIPTION

Lightweight, rugged and a top notch performer the NVG7 is an exceptional choice for hands-free usage. This model features high resolution image intensifier, auto-brightness, and bright source shut-off. NVG7 goggles also have a built-in IR for total darkness with indicator ON light within the FOV and flip. One CR123A, case and manual are included. ATN NVG7 is an excellent choice for hands-free night vision applications.

ATN PVS7 Series
NIGHT VISION GOGGLES

FEATURES

- HANDHELD, HEAD-MOUNTED OR HELMET-MOUNTED
- WATERPROOF
- USE TWO AA TYPE BATTERY
- 1X MAGNIFICATION
- STANDARD MILITARY ISSUE
- COMBAT PROVEN
- ONE-KNOB OPERATION
- BUILT-IN INFRARED ILLUMINATOR

SPECIFICATIONS

Total darkness IR system	Yes
Magnification	1x
Lens System	F1.1, 35 mm
FOV	40°
Range of focus	0.25 yd/m to infinity
Diopter adjustment	-2 to +6
Controls	Direct
Automatic brightness control	Yes
Bright light cut-off	Yes
Infrared illuminator	Built-in
Infrared indicator	Yes
Low battery indicator	Yes
Power supply	2 x 1,5V(AA type battery)
Battery life	60 hours
Environmental rating	Waterproof
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions	6,4" X 3" X 6" / 162 X 76 X 152 mm
Weight	1.5 lbs /0.68 kg
Warranty	2 years

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVGOPVS720	PVS7-2	2+ Gen.	40-45 lp/mm
NVGOPVS7C0	PVS7-CGT	CGT	45-54 lp/mm
NVGOPVS7H0	PVS7-HPT	HPT	54-72 lp/mm
NVGOPVS7W0	PVS7-WPT™	WPT™	45-54 lp/mm
NVGOPVS730	PVS7-3	3 Gen.	64 lp/mm
NVGOPVS73A	PVS7-3A	3 Gen.	64-72 lp/mm
NVGOPVS73P	PVS7-3P	3 Gen.	64-72 lp/mm

ACCESSORY PACKAGES FOR ATN PVS7

ACMUHMNTMICH	MICH Helmet Mount Assembly USA
ACMUHMNTPAGS	PAGST Helmet Mount Assembly USA
ACMPPVSXL3A	3x Mil-Spec Magnifier Lens
ACMPPVSXL5A	5x Mil-Spec Magnifier Lens
ACCSHS1610	SKB Mil-Standard Hard case - 1610
ACGOPVS7LSFL	IR Spot/Flood lens

INTERNATIONAL UNITS

NVGOPVS7HI	PVS7-HPTI FOM < 1400	HPT	51-64 lp/mm
NVGOPVS73I	PVS7-3I FOM < 1400	3 Gen.	51-64 lp/mm
NVGOPVS73N	PVS7-3N FOM < 1600	3 Gen.	64 lp/mm

DESCRIPTION

The ATN PVS7 Night Vision Goggles is a robust, dependable, high-performance Night Vision System . The ATN PVS7 Night Vision Device is identical to the AN/PVS-7 model and is adopted as a standard issue to U.S. Army ground troops, designed to assist viewing and provide reliable service in the most unfavorable conditions. Full U.S. Mil-Spec body with Goggles assembly, soft carrying case, demist shield, sacrificial filter for objective lenses, shoulder strap, head-mount assembly with 3 brow pads, lens tissue, neck cord and front lens cap.

ATN PS15 Series
NIGHT VISION GOGGLES

FEATURES

- DEPTH PERCEPTION
- WATERPROOF
- USE 1 AA OR CR123A TYPE BATTERY
- 1X MAGNIFICATION
- COMFORTABLE FLIP-UP HEADGEAR
- ONE-KNOB OPERATION
- AUTOMATIC BRIGHTNESS CONTROL
- COMFORTABLE FLIP-UP HEADGEAR

SPECIFICATIONS

Total darkness IR system	Yes
Magnification	1x
Lens System	F1.2, 27 mm
FOV	40°
Range of focus	0.25 yd/m to infinity
Diopter adjustment	-6 to +2
Controls	Direct
Automatic brightness control	Yes
Bright light cut-off	Yes
Infrared illuminator	Built-in
Infrared indicator	Yes
Low battery indicator	Yes
Power supply	1 x 3V(CR123A)
Battery life	60 hours
Environmental rating	Waterproof
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions	4.7" x 4.5" x 2.7" / 120 x 114 x 69 mm
Weight	1.54 lbs /0.7 kg
Warranty	2 years

ACCESSORY PACKAGES FOR ATN PS15

ACGOPS15LS3P	Set 3x lenses
ACMUIR45B4	IR450-B4
ACGOPS15HMNT	Universal Helmet Mount Kit
ACGOPS15HMNM	MICH Helmet Mount Kit
ACGOPS15HMNP	PAGST Helmet Mount Kit

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVGOPS1520	PS15-2	2+ Gen.	40-45 lp/mm
NVGOPS15C0	PS15-CGT	CGT	45-54 lp/mm
NVGOPS15H0	PS15-HPT	HPT	55-72 lp/mm
NVGOPS1530	PS15-3	3 Gen.	64 lp/mm
NVGOPS153A	PS15-3A	3 Gen.	64-72 lp/mm
NVGOPS153P	PS15-3P	3 Gen.	64-72 lp/mm
NVGOPS15WP	PS15-WPT™*	WPT™	60-74 lp/mm
NVGOPS1540	PS15-4	4 Gen.	64-72 lp/mm
INTERNATIONAL UNITS			
NVGOPS152I	PS15-2I	2+ Gen.	40-45 lp/mm
NVGOPS152J	PS15-2IA	2+ Gen.	40-45 lp/mm
NVGOPS15CI	PS15-CGTI	CGT	45-54 lp/mm
NVGOPS15HI	PS15-HPTI FOM < 1400	HPT	51-64 lp/mm
NVGOPS153I	PS15-3I FOM < 1400	3 Gen.	51-64 lp/mm
NVGOPS153N	PS15-3N FOM < 1600	3 Gen.	64 lp/mm

DESCRIPTION

The ATN PS15 is a compact, lightweight dual Night Vision Goggle System. It utilizes two high-performance Image Intensifier Tubes to provide extremely clear and crisp images under the darkest conditions. This dual tube design provides increased depth perception and outstanding clarity. A built-in IR lets the user easily read a map and function in a total darkness environment. Available in a wide array of Image Intensifier Tube configurations the ATN PS15 Night Vision Goggles is designed to handle every budget and mission requirement. The ATN PS15 Night Vision System is the high-performance choice!

DAY/NIGHT SYSTEM

ATN PS28 Series
NIGHT VISION CLIP-ON

FEATURES

- EASILY CHANGES DAYTIME SCOPE TO NIGHT VISION
- LIGHTWEIGHT AND RUGGED
- MOUNTS IN FRONT OF DAYTIME SCOPE, NO RE-ZEROING REQUIRED
- COMES WITH QUICK RELEASE MOUNT
- WATERPROOF
- RESISTANCE TO SEVERE CONDITIONS
- AUTOMATIC BRIGHTNESS CONTROL
- FAST CATADIOPTRIC FRONT LENS SYSTEM

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVDNPS2820	PS28-2	2+ Gen.	40-45 lp/mm
NVDNPS28C0	PS28-CGT	CGT	45-54 lp/mm
NVDNPS28H0	PS28-HPT	HPT	54-72 lp/mm
NVDNPS2830	PS28-3	3 Gen.	64 lp/mm
NVDNPS283A	PS28-3A	3 Gen.	64-72 lp/mm
NVDNPS283P	PS28-3P	3 Gen.	64-72 lp/mm
NVDNPS28WP	PS22-WPT	WPT™	60-74 lp/mm
NVDNPS2840	PS28-4	4 Gen.	64-72 lp/mm

INTERNATIONAL UNITS

NVDNPS282I	PS28-2I	2I	40-45 lp/mm
NVDNPS282J	PS28-2IA	2IA	40-45 lp/mm
NVDNPS28CI	PS28-CGTI	CGTI	45-54 lp/mm
NVDNPS28WI	PS28-WPTI	WPTI	45-54 lp/mm
NVDNPS28HI	PS28-HPTI FOM < 1400	HPTI	51-64 lp/mm
NVDNPS283I	PS28-3I FOM < 1400	3I	51-64 lp/mm
NVDNPS283N	PS28-3N FOM < 1600	3N	64 lp/mm

Accessory Packages for ATN PS22

ACDNPS28SM01	Scope Mounting System #1 (47 ....58.7 mm)
ACDNPS40BM01	BAM mount

SPECIFICATIONS

Total darkness IR system	Yes
Magnification	1x
Lens System	F1:1.44, 80mm
FOV	12°
Range of focus	10 yd/m to infinity
Diopter adjustment	No
Controls	Direct
Automatic brightness control	Yes
Bright light cut-off	Yes
Infrared illuminator	Detachable
Infrared indicator	No
Low battery indicator	No
Power supply	1 x 3V(CR123A)
Battery life	50 hours
Environmental rating	Waterproof
Operating temperature	-40°F to +122°F / -40°C to +50°C
Storage temperature	-58°F to +158°F / -50 to +70 °C
Dimensions (w/mount)	7.7"x 3.5"x3"/ 195x 89 x 76mm
Weight	1.85 lbs/ 0.84 kg
Warranty	2 years

DESCRIPTION

New Design – improved performance.

The next generation of our popular PS22 night vision clip-on line.

The new PS28 gives your daytime scope Night Vision capability in a matter of seconds.

The ATN PS-28 mounts in front of a daytime scope to enable nighttime operation. No shift of impact, no need to re-zero change of eye relief occurs. The ATN PS-28 uses the latest in image intensifier tube technology for outstanding resolution and performance.

ATN Night Arrow Series
NIGHT VISION WEAPON SIGHT

ATN Night Arrow 4

ATN Night Arrow 2

FEATURES

- LIGHT AND COMPACT DESIGN
- WATERPROOF
- USE 1 AA TYPE BATTERY
- 2X OR 4X OR 6X MAGNIFICATION
- AUTOMATIC BRIGHTNESS CONTROL
- ONE-KNOB OPERATION
- "RED ON GREEN" RETICLE SYSTEM
- MOUNTS TO STANDARD WEAVER RAILS

ATN Night Arrow 6

DESCRIPTION

The Night Arrow Series from ATN is a rugged Night Vision Weapon Sights that provides excellent observation, target acquisition and aiming capabilities for the demanding sports shooter or varmint hunter. The best optics, tubes and performance make the ATN Night Arrow Series some of the best commercial Night Vision Weapon Sights!

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVWSNAR220	Night Arrow2-2	2+ Gen.	40-45 lp/mm
NVWSNAR2C0	Night Arrow2-CGT	CGT	45-54 lp/mm
NVWSNAR2W0	Night Arrow2-WPT™	WPT™	45-54 lp/mm
NVWSNAR420	Night Arrow4-2	2+ Gen.	40-45 lp/mm
NVWSNAR4C0	Night Arrow4-CGT	CGT	45-54 lp/mm
NVWSNAR4W0	Night Arrow4-WPT™	WPT™	45-54 lp/mm
NVWSNAR620	Night Arrow6-2	2+ Gen.	40-45 lp/mm
NVWSNAR6C0	Night Arrow6-CGT	CGT	45-54 lp/mm
NVWSNAR6W0	Night Arrow6-WPT™	WPT™	45-54 lp/mm
	INTERNATIONAL UNITS		
NVWSNAR22I	Night Arrow2-2I	2+ Gen.	40-45 lp/mm
NVWSNAR22J	Night Arrow2-2IA	2+ Gen.	40-45 lp/mm
NVWSNAR2CI	Night Arrow2-CGTI	CGT	45-54 lp/mm
NVWSNAR2WI	Night Arrow2-WPTI	WPTI	45-54 lp/mm
NVWSNAR42I	Night Arrow4-2I	2+ Gen.	40-45 lp/mm
NVWSNAR42J	Night Arrow4-2IA	2+ Gen.	40-45 lp/mm
NVWSNAR4CI	Night Arrow4-CGTI	CGT	45-54 lp/mm
NVWSNAR4WI	Night Arrow4-WPTI	WPTI	45-54 lp/mm
NVWSNAR62I	Night Arrow6-2I	2+ Gen.	40-45 lp/mm
NVWSNAR62J	Night Arrow6-2IA	2+ Gen.	40-45 lp/mm
NVWSNAR6CI	Night Arrow6-CGTI	CGT	45-54 lp/mm
NVWSNAR6WI	Night Arrow6-WPTI	WPTI	45-54 lp/mm

SPECIFICATIONS

	Night Arrow 2	Night Arrow 4	Night Arrow 6
Total darkness IR system	Yes		
MTTF - Mean Time Before Failure	10,000 hours		
Magnification	2x	4x	6x
Proshield Lens Coating	Yes		
FOV	17°	7.5°	5°
Range of focus	10 yd/m to infinity		
Diopter adjustment	-4 to +6		
Controls	Direct		
Automatic brightness control	Yes		
Bright Light Cut-off	Yes		
Infrared illuminator	Detachable		
Infrared indicator	Yes		
Low battery indicator	Yes		
Power supply	1 x 1.5V AA type battery		
Battery life	30 hours		
Environmental rating	Water and fog resistant		
Operating temperature	-40°F to +122°F / -40°C to +50°C		
Storage temperature	-58°F to +158°F / -50 to +70 °C		
Dimensions	8.9" x 4.1" x 3.7" 225 x 103 x 93 mm	11" x 4.1" x 3.7" 280 x 103 x 93 mm	13.2" x 4.1" x 3.7" 335 x 103 x 93 mm
Weight	2.4 lbs /1.1 kg	3.1 lbs /1.4 kg	3.8 lbs /1.7 kg
Warranty	2 years		

ATN ARES Series
NIGHT VISION WEAPON SIGHT

ATN ARES 4

FEATURES

- "RED ON GREEN" or "LIGHT GREEN ON GREEN" RETICLE SYSTEM WITH 1/6 MOA ADJUSTMENT
- WATERPROOF
- USE 1 AA TYPE BATTERY
- 2X OR 4X OR 6X MAGNIFICATION
- AUTOMATIC BRIGHTNESS CONTROL
- ONE-KNOB OPERATION
- PRECISION WINDAGE AND ELEVATION ADJUSTMENTS
- MOUNTS TO STANDARD WEAVER RAILS

ATN ARES 2

ATN ARES 6

DESCRIPTION

The ATN ARES series is the latest offering in the ATN night vision weapon sight line. The ARES series provide the user with a rugged, easy to use and accurate night vision weapon sight. Fast infra-red sensitive optics coupled with quality image tubes provide high resolution clear images for outstanding target acquisition and aiming capabilities. Rugged, ease of use and accurate are just a few of the features these scopes have to offer. Available with a wide array of Image Intensifier Tube configurations to choose from they set out to satisfy a variety of budgets, requirements and specifications. Designed for optimal performance for both professional and sporting uses the ARES is the next generation of ATN scopes.

SPECIFICATIONS

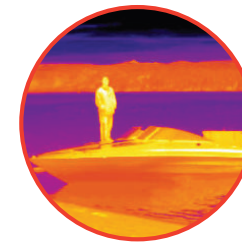
	ARES 2	ARES 4	ARES 6
Total darkness IR system		Yes	
Magnification	2x	4x	6x
Lens System	F1:1.5, 70 mm	F1:1.5, 108 mm	F1:2.0, 160 mm
Proshield Lens Coating		Yes	
FOV	17°	7.5°	5°
Range of focus		10 yd/m to infinity	
Diopter adjustment		-4 to +6	
Controls		Direct	
Automatic brightness control		Yes	
Bright Light Cut-off		Yes	
Infrared illuminator		Detachable	
Infrared indicator		Yes	
Low battery indicator		Yes	
Power supply		1 x 1.5V AA type battery	
Battery life		30 hours	
Environmental rating		Waterproof	
Operating temperature		-40°F to +122°F / -40°C to +50°C	
Storage temperature		-58°F to +158°F / -50 to +70 °C	
Dimensions	7" x 3.75" x 3.5" 175 x 94 x 88 mm	9.75" x 3.75" x 3.5" 244 x 94 x 88 mm	11.5" x 3.75" x 3.6" 288 x 94 x 90 mm
Weight	2.2 lbs /1 kg	2.5 lbs /1.15 kg	3.3 lbs /1.5 kg
Warranty		2 years	

ITEM NO.	MODEL NAME	TUBE CONFIGURATION	
NVWSARS220	ARES2x-2	2+ Gen.	40-45 lp/mm
NVWSARS2C0	ARES2x-CGT	CGT	45-54 lp/mm
NVWSARS2H0	ARES2x-HPT	HPT	54-72 lp/mm
NVWSARS230	ARES2x-3	3 Gen.	64 lp/mm
NVWSARS23A	ARES2x-3A	3 Gen.	64-72 lp/mm
NVWSARS23P	ARES2x-3P	3 Gen.	64-72 lp/mm
NVWSARS2WP	ARES2x-WPT™	WPT™	60-74 lp/mm
NVWSARS240	ARES2x-4	G4 AG/FL	64-72 lp/mm
NVWSARS420	ARES4x-2	2+ Gen.	40-45 lp/mm
NVWSARS4C0	ARES4x-CGT	CGT	45-54 lp/mm
NVWSARS4H0	ARES4x-HPT	HPT	54-72 lp/mm
NVWSARS430	ARES4x-3	3 Gen.	64 lp/mm
NVWSARS43A	ARES4x-3A	3 Gen.	64-72 lp/mm
NVWSARS43P	ARES4x-3P	3 Gen.	64-72 lp/mm
NVWSARS4WP	ARES4x-WPT™	WPT™	60-74 lp/mm
NVWSARS440	ARES4x-4	G4 AG/FL	64-72 lp/mm
NVWSARS620	ARES6x-2	2+ Gen.	40-45 lp/mm
NVWSARS6C0	ARES6x-CGT	CGT	45-54 lp/mm
NVWSARS6H0	ARES6x-HPT	HPT	54-72 lp/mm
NVWSARS630	ARES6x-3	3 Gen.	64 lp/mm
NVWSARS63A	ARES6x-3A	3 Gen.	64-72 lp/mm
NVWSARS63P	ARES6x-3P	3 Gen.	64-72 lp/mm
NVWSARS6WP	ARES6x-WPT™	WPT™	60-74 lp/mm
NVWSARS640	ARES6x-4	G4 AG/FL	64-72 lp/mm
	INTERNATIONAL UNITS		
NVWSARS22I	ARES2x-2I	2+ Gen.	40-45 lp/mm
NVWSARS22J	ARES2x-2IA	2+ Gen.	40-45 lp/mm
NVWSARS2CI	ARES2x-CGTI	CGT	45-54 lp/mm
NVWSARS2HI	ARES2x-HPTI FOM < 1400	HPT	51-64 lp/mm
NVWSARS23I	ARES2x-3I FOM < 1400	3 Gen.	51-64 lp/mm
NVWSARS23N	ARES2x-3N FOM < 1600	3 Gen.	64 lp/mm
NVWSARS42I	ARES4x-2I	2+ Gen.	40-45 lp/mm
NVWSARS42J	ARES4x-2IA	2+ Gen.	40-45 lp/mm
NVWSARS4CI	ARES4x-CGTI	CGT	45-54 lp/mm
NVWSARS4HI	ARES4x-HPTI FOM < 1400	HPT	51-64 lp/mm
NVWSARS43I	ARES4x-3I FOM < 1400	3 Gen.	51-64 lp/mm
NVWSARS43N	ARES4x-3N FOM < 1600	3 Gen.	64 lp/mm
NVWSARS62I	ARES6x-2I	2+ Gen.	40-45 lp/mm
NVWSARS62J	ARES6x-2IA	2+ Gen.	40-45 lp/mm
NVWSARS6CI	ARES6x-CGTI	CGT	45-54 lp/mm
NVWSARS6HI	ARES6x-HPTI FOM < 1400	HPT	51-64 lp/mm
NVWSARS63I	ARES6x-3I FOM < 1400	3 Gen.	51-64 lp/mm
NVWSARS63N	ARES6x-3N FOM < 1600	3 Gen.	64 lp/mm

THERMAL SYSTEM

ATN OTS-X Series
THERMAL VIEWER

ATN OTS-X
with 50 mm lens



FEATURES

- ERGONOMIC DESIGN
- COLOR MODES
- INTERCHANGEABLE OPTICS
- ICON BASED MENU SYSTEM
- WATERPROOF
- DIGITAL BRIGHTNESS CONTROL
- MADE IN USA

ATN OTS-X
with 14 mm lens

ATN OTS-X
with 30 mm lens

SPECIFICATIONS

	OTS-X S/F/E-314	OTS-X S/F/E330	OTS-X S/F/E-350	OTS-X S/F/E-370	OTS-X F/E-614	OTS-X F/E-630	OTS-X F/E-650	OTS-X F/E-670
Sensor (microbolometer)	336x256				640x512			
Material	Vanadium oxide (Vox)							
Frame rate	9 or 30 or 60 Hz				9 or 30 Hz			
Video output	Analog RS-170							
Lens	14 mm	30 mm	50 mm	70 mm	14 mm	30 mm	50 mm	70 mm
Display	Color matrix, SVGA< 800x600							
Thermal Sensitivity	<50 mK							
Spectral Response	7-14 µm							
Field of View	25°	11°	7°	4,5°	45°	22°	14°	9°
Diopter Adjustment	-1,5							
Optical Magnification	1x	2x	4x	6x	0.5x	1.5x	2.5x	3.5x
Human Detection	500 m	750 m	1300 m	1800 m	500 m	750 m	1300 m	1800 m
Human Recognition	225 m	300 m	500 m	700 m	225 m	300 m	500 m	700 m
Human Identification	135 m	180 m	320 m	460 m	135 m	180 m	320 m	460 m
Vehicle Detection	1100 m	1650 m	2800 m	3800 m	1100 m	1650 m	2800 m	3800 m
Vehicle Recognition	495 m	660 m	1100 m	1400 m	495 m	660 m	1100 m	1400 m
Vehicle Identification	300 m	400 m	700 m	1000 m	300 m	400 m	700 m	1000 m
Polarity control	White hot / Black hot / Multiple Color Modes							
Startup time	<4 s							
Weatherproof	yes	yes	yes	yes	yes	yes	yes	yes
Battery type	1 x CR123A battery type							
Battery Life	2+ hrs							
Dimensions	100x61x83 mm 4"x2.4"x3.3"	145x61x83 mm 5.75"x2.4"x3.3"	165x61x83 mm 6.5"x2.4"x3.3"	177x76x83 mm 7"x3"x3.3"	100x61x83 mm 4"x2.4"x3.3"	145x61x83 mm 5.75"x2.4"x3.3"	165x61x83 mm 6.5"x2.4"x3.3"	177x76x83 mm 7"x3"x3.3"
Weight	0.83 lbs /375 g	1.1 lbs / 500 g	1.4 lbs / 640 g	1.75 lbs / 800 g	0.83 lbs / 375 g	1.0 lbs / 500 g	1.4 lbs / 640 g	1.75 /800

ATN OTS-X
with 70 mm lens

ITEM NO.	MODEL NAME	FRAME RATE
TIMNOTSXE314	OTS-X-E314, 336x256, 14 mm, 60 Hz	60 Hz
TIMNOTSXE330	OTS-X-E330, 336x256, 30 mm, 60 Hz	60 Hz
TIMNOTSXE350	OTS-X-E350, 336x256, 50 mm, 60 Hz	60 Hz
TIMNOTSXE370	OTS-X-E370, 336x256, 70 mm, 60 Hz	60 Hz
TIMNOTSXF614	OTS-X-F614, 640x512, 14 mm, 30 Hz	30 Hz
TIMNOTSXF630	OTS-X-F630, 640x512, 30 mm, 30 Hz	30 Hz
TIMNOTSXF650	OTS-X-F650, 640x512, 50 mm, 30 Hz	30 Hz
TIMNOTSXF670	OTS-X-F670, 640x512, 70 mm, 30 Hz	30 Hz

INTERNATIONAL UNITS

TIMNOTSXS314	OTS-X-S314, 336x256, 14 mm, 9 Hz	9 Hz
TIMNOTSXS330	OTS-X-S330, 336x256, 30 mm, 9 Hz	9 Hz
TIMNOTSXS350	OTS-X-S350, 336x256, 50 mm, 9 Hz	9 Hz
TIMNOTSXS370	OTS-X-S370, 336x256, 70 mm, 9 Hz	9 Hz
TIMNOTSXS614	OTS-X-S614, 640x512, 14 mm, 9 Hz	9 Hz
TIMNOTSXS630	OTS-X-S630, 640x512, 30 mm, 9 Hz	9 Hz
TIMNOTSXS650	OTS-X-S650, 640x512, 50 mm, 9 Hz	9 Hz
TIMNOTSXS670	OTS-X-S670, 640x512, 70 mm, 9 Hz	9 Hz

ACCESSORY PACKAGES FOR ATN OTS-X SERIES

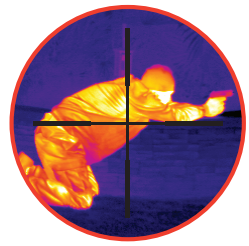
ACTILENSOT14	14 mm lens
ACTILENSOT30	30 mm lens
ACTILENSOT50	50 mm lens
ACTILENSOT70	70 mm lens
ACTITHERICBL	Image capture cable

DESCRIPTION

The OTS-X is the latest in our successful OTS Thermal Imager System line. The OTS-X series is designed to be a versatile, compact, lightweight yet rugged thermal viewer that can be easily carried in a cargo pocket for Law enforcement and Sportsmen alike. The OTS-X is one of the most affordable thermal viewers on the market that includes a full 336x256 and 640x512. One of the most unique features is the ability to interchange the objective lens so you can have multiple magnifications based on your need or mission. Available in 336x256 and 640x512 resolution with 4 different interchangeable lens types to choose from the OTS-X series is one of the most versatile viewers on the market.

THERMAL SYSTEM

ATN ODIN Series
THERMAL MULTIPURPOSE SYSTEM



FEATURES

- VARIABLE PIVOT TECHNOLOGY
- PVS-14 CONSTRUCTION
- DIGITAL BRIGHTNESS CONTROL
- ICON BASED MENU SYSTEM
- WATERPROOF / DUSTPROOF
- COLOR MODES
- MADE IN USA

SPECIFICATIONS

	ODIN-31CW/31DW	ODIN-32CW/32DW	ODIN-6WBW	ODIN-61BW
Sensor (microbolometer)	336x256		640x512	
Frame rate	30/60 Hz	30/60 Hz	30 Hz	
Video output	Analog RS-170			
Lens	17 mm	35 mm	17 mm	35 mm
Display	Color matrix, SVGA< 800x600			
Thermal Sensitivity	<50 mK			
Spectral Response	7-14 µm			
Field of View	25°	11°	7°	4,5°
Diopter Adjustment	-6 to +4			
Optical Magnification	1x	2x	0,5x	1x
E-Zoom	2x, 4x	4x, 8x	1x, 2x, 4x	2x, 4x, 8x
Human Detection	500 m	750 m	500 m	750 m
Human Recognition	225 m	300 m	225 m	300 m
Human Identification	135 m	180 m	135 m	180 m
Vehicle Detection	1100 m	1650 m	1100 m	1650 m
Vehicle Recognition	495 m	660 m	495 m	660 m
Vehicle Identification	300 m	400 m	300 m	400 m
Reticle	Yes			
Reticle Color	Multiple Colors to Choose From			
Polarity control	White hot / Black hot / Multiple Color Modes			
Startup time	<4 s			
Environmental Rating	Waterproof / Dustproof			
Battery type	1 x CR123A battery type			
Battery Life	2+ hrs			
Weapon Mount	Yes			
Video output	Yes			
Low Battery Indicator	Yes			
Iconology	Yes			
Dimensions (without bracket)	3.40" x 2.20" x 1.95" / 87 x 56 x 50mm			
Weight	0,77 lb /350 grams			

DESCRIPTION

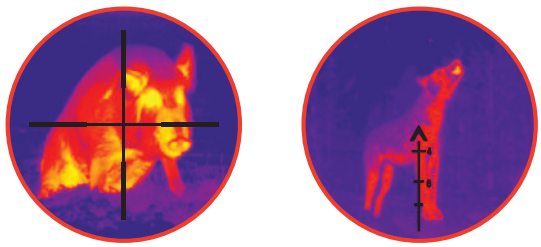
The Odin series has become the smallest Thermal Imaging Monocular System today. It features extremely small size and low weight because of its advanced construction and characteristics using the latest technologies in high grade polymers to make a Mil. Spec, system that is identical in size, weight and shape to a AN/PVS-14. The Odin series is a multipurpose system using the latest in miniature thermal sensor technology combined with the new OLED Display to provide a superior stable image in the smallest package available. The system also includes an array of features that help the user to enhance the sight to meet all of their requirements. The Odin is one of the most capable thermal monocular systems on the market and comes with a very affordable price point. The Odin system is designed for hand held and head mounts operations. Designed to use the same accessories as the AN/PVS-14 Night Vision Monocular System the Odin has many options available for head mounting. The easiest is the easy to use J-Arm bracket and a standard head strap.

ITEM NO.	MODEL NAME	FRAME RATE
TIWSOD31C	Odin-31CW 336x256, 17 mm, 30 Hz, 17 micron, Weapon Sight Kit	30 Hz
TIWSOD31D	Odin-31DW 336x256, 17 mm, 60 Hz, 17 micron, Weapon Sight Kit	60 Hz
TIWSOD32C	Odin-32CW 336x256, 35 mm, 30 Hz, 17 micron, Weapon Sight Kit	30 Hz
TIWSOD32D	Odin-32DW 336x256, 35 mm, 60 Hz, 17 micron, Weapon Sight Kit	60 Hz
TIWSOD6WB	Odin-6WBW 640x512, 17 mm, 30 Hz, 17 micron, Weapon Sight Kit	30 Hz
TIWSOD61B	Odin-61BW 640x512, 35 mm, 30 Hz, 17 micron, Weapon Sight Kit	60 Hz

ATN TICO Series
THERMAL CLIP-ON

FEATURES

- EASILY CHANGES DAYTIME SCOPE TO THERMAL IMAGING
- COLOR MODES
- MOUNTS IN FRONT OF DAYTIME SCOPE, NO RE-ZEROING REQUIRED
- 1X MAGNIFICATION
- ICON BASED MENU SYSTEM
- RESISTANCE TO ALL SEVERE OPERATING CONDITIONS
- VIDEO OUTPUT
- COMES WITH QUICK RELEASE MOUNT



SPECIFICATIONS

	TICO-336A	TICO-640B
Item No.	TICOTC350A	TICOTC650B
Frame rate	60 Hz	30 Hz
Video output	Yes	
Display	Color OLED matrix, SVGA< 800x600	
Thermal Sensitivity	<50 mK	
Spectral Response	7-14 µm	
Lens System	50 mm	
Field of View (H x V)	9° x 7°	
Optical Magnification	1X	
E-Zoom	Yes	
Distance of the human detection	1100 m	
Distance of the human recognition	400 m	
Distance of the human identification	225 m	
Distance of the vehicle detection	2425 m	
Distance of the vehicle recognition	875 m	
Distance of the vehicle identification	525 m	
Brightness adjustment	Manual	
Sharpness adjustment	Automatic	
Startup time	<3 sec	
Polarity control	White hot / Black hot / Multiple Color Modes	
Environmental Rating	Waterproof	
Battery type	2 x CR123A battery type	
Battery life	4+ hours	
Mount	Quick Disconnect Mount	
Video output	Yes	
Low Battery Indicator	Yes	
Iconology	Quick access, Icon driven feature controls	
Dimensions	7.45" x 2.7" x 2,56" / 189 x 69 x 65 mm	
Weight	1.45 lb / 0.64 kg	
Warranty	3 year	

DESCRIPTION

Representing the latest advancement in thermal imaging technology, the ATN TICO-Series thermal clip-on gives your daytime scope thermal imaging capability in a matter of seconds. The ATN TICO-Series mounts in front of a daytime scope to enable thermal vision in day or nighttime operation. No shift of impact, no need to rezero nor change of eye relief occurs. The ATN TICO-Series uses advanced thermal technology for outstanding resolution and performance. Precision optical alignment is essential for any front sight system to work properly. Therefore every ATN TICO-Series is individually tested and aligned to the highest tolerances to provide perfect alignment.

ATN ThOR Series
THERMAL WEAPON SCOPES

ATN ThOR
with 19 mm Lens

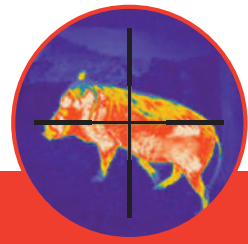
ATN ThOR
with 30 mm Lens

ATN ThOR
with 50 mm Lens

ATN ThOR
with 100 mm Lens

FEATURES

- LIGHT AND COMPACT DESIGN
- DIGITAL BRIGHTNESS CONTROL
- MULTIPLE COLOR MODES
- WATERPROOF
- 5 DIFFERENT RETICLES
- CHOICE OF RETICLE COLOR
- MADE IN USA
- MIL-STD 1913 PICATINNY (QUICK)



DESCRIPTION

ATN Thermal Imaging Has Gone Digital!

ATN is proud to introduce the newest line of ThOR Thermal Weapon Scopes. The most advanced night vision technology available is brought to you by the premier company dedicated to providing night vision systems at affordable prices. The new ThOR line is rich with features and options making it the best value of any comparable system on the market. This model is lightweight and small enough to fit in the palm of your hand, yet it's rugged and durable.

The entire system is built-in the USA, utilizing Mil-Spec Lenses that make the ThOR battleworthy for most any mission, operation, or outdoor activity. Each system features a digital menu that gives you a variety of options and adjustments allowing you to customize your system. You can select a number of reticle options as well as choose a reticle color best suited for your specific application. No more black reticles on a black and white screen – ThOR features a color OLED display giving you a sharp color reticle every time. Or switch to full color mode and overlay it with either a black, red, blue, white or black reticle depending on the conditions and the environment.

Ever have problems with a scope not being able to hold zero? The ThOR has no screws or springs that can create targeting errors. With all digital controls, the ThOR will NEVER allow your reticle to move off base.

The new ThOR Thermal Weapon Scope provides amazing image quality through total darkness, fog, or smoke. Darkness, camouflage or bright lights will not affect the sensitivity of these units. All units have feature E-Zoom to expand your optical magnification. They're Ideal for nighttime hunting, force protection, border patrol, police SWAT and special operations. And they feature a video-out connection and cable which will let you capture your nighttime operation on video. These units are priced like no other thermal devices in their class – as much as half of what you would expect to pay! No other product is comparable in value or price. The ATN ThOR functions equally well as a weapon scope or a handheld viewer. Once you experience Digital Thermal you may not want to use anything else again!

ITEM NO.	MODEL NAME	FRAME RATE
TIWSMT241D	Thor240-1-4x 240x180, 19mm, 30Hz, 25 micron	30 Hz
TIWSMT331A	Thor336-1.5-6x, 336x256, 19mm, 60Hz, 17 micron	60 Hz
TIWSMT333A	Thor336-3-12x, 336x256, 30mm, 60Hz, 17 micron	60 Hz
TIWSMT334A	Thor336-4.5-18x, 336x256, 50mm, 60Hz, 17 micron	60 Hz
TIWSMT339A	Thor336-9-36x, 336x256, 100mm, 60Hz, 17 micron	60 Hz
TIWSMT641B	Thor640-1.1-9x, 640x512, 19mm, 30Hz, 17 micron	30 Hz
TIWSMT642B	Thor640-1.5-12x, 640x512, 30mm, 30Hz, 17 micron	30 Hz
TIWSMT643B	Thor640-2.5-20x, 640x512, 50mm, 30Hz, 17 micron	30 Hz
TIWSMT645B	Thor640-5-40x, 640x512, 100mm, 30Hz, 17 micron	30 Hz

SPECIFICATIONS

	ThOR-240 1-4x	ThOR-336 1.5-6x	ThOR-336 3-12x	ThOR-336 4.5-18x	ThOR-336 9-36x	ThOR-640 1.1-9x	ThOR-640 1.5-12x	ThOR-640 2.5-20x	ThOR-640 5-40x
Sensor (microbolometer)	240x180	336x256	336x256	336x256	336x256	640x512	640x512	640x512	640x512
Frame rate	30 Hz	60 Hz	60 Hz	60 Hz	60 Hz	30 Hz	30 Hz	30 Hz	30 Hz
Image Size (output resolution)	800x600								
Video output	Digital NTSC / PAL								
Display	Color matrix, SVGA< 800x600, Color background + color reticules								
Thermal Sensitivity, mK	<50 mK								
Spectral Response, µm	7-14								
Focal length of the lens, mm	19	19	30	50	100	19	30	50	100
Field of View (H x V), deg	24x18	21x14	9x7	6x4.7	3 x 2.4	48x36	21x16	12.5x9.7	6x4.7
Eye Relief, mm	65								
Optical Magnification	1	1.5	3	4,5	9	1.1	1.5	2.5	5
E-Zoom	2x, 4x	3x, 6x	6x, 12x	9x, 18x	18x, 36x	2.2x, 4.5x, 9x	3x, 6x, 12x	5x, 10x, 20x	10, 20, 40
Diameter of exit pupil, mm	14								
Distance of the human detection, m (w/o zoom)	500	625	1100	1500	2500	750	1100	1500	2500
Distance of the human recognition, m (w/o zoom)	225	280	400	600	1100	300	400	600	1100
Distance of the human Identification, m (w/o zoom)	135	170	225	360	600	180	225	360	600
Distance of the vehicle detection, m (w/o zoom)	1100	1375	2425	3300	5000	1650	2425	3300	5000
Distance of the vehicle recognition, m (w/o zoom)	495	620	875	1320	2200	660	875	1320	2200
Distance of the vehicle Identification, m (w/o zoom)	300	375	525	800	1400	400	525	800	1400
Reticle	Multiple Reticles to Choose From								
Reticle Color	Red, Green, Blue, White & Black								
Smart Zoom	Thor's Reticle will Automatically Adjust its position when using E-Zoom (Note: Most thermal scopes allow the user to use the scope for observation only, in E-Zoom due to the lack of this feature.)								
Brightness adjustment	Manual								
Sharpness adjustment	Automatic								
Polarity control	White hot / Black hot / Multiple Color Modes								
Start up time, sec	<3								
Waterproof	Waterproof / Dustproof								
Battery type	3 x CR123A battery type								
Battery Life, h	8+								
Weight, grams	685	685	710	850	850	685	710	850	1417
Dimensions (L x W x H), mm (without bracket)	171x69x73	171x69x73	171x69x73	203x69x73	203x69x73	171x69x73	171x69x73	203x69x73	262x94x73
Mounting bracket	MIL-STD 1913 Picatinny (Quick)								
Output computer set up	Yes								
Video output	Yes								
Low Battery Indicator	Yes								
Iconology	Quick access, Icon driven feature controls								
Housing	Aircraft Aluminum 6061 T6 w/ class III hard anodized coating								
Objective lens	full MIL SPEC, DLC (Diamond Like Carbon) coating								
Warranty	3 Year								

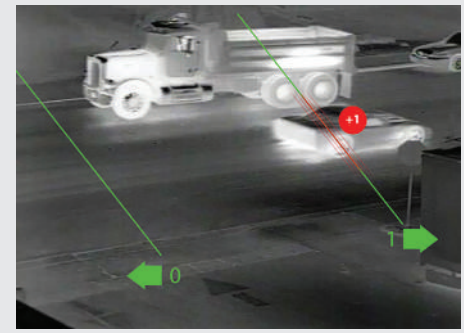
www.atncorp.com tel: 800-910-2862, 650-989-5100 fax: 650-875-0129

ATN TASC Series

ATN THERMAL SECURITY PAN & TILT SMART CAMERA

FEATURES

- BUILT-IN VIDEO ANALYTICS
- OPES SOURCE PROTOCOL
- ALL-WEATHER (IP66) HOUSING
- DOME PAN & TILT HOUSING
- CARBON COATED LENS
- AUTOFOCUS
- 4X DIGITAL ZOOM
- MADE IN USA



SPECIFICATIONS

MODEL		TASC 336-7	TASC 336-13	TASC 336-26	TASC 336-50	TASC 640-13	TASC 640-26	TASC 640-50
Detector characteristics	Array size	320x240 pixels				640 x 480 pixels		
	Frame rate	60 hz/9Hz				30 hz/9Hz		
	Pixel size	17µm						
Optics	Lens	7 mm	13 mm	26 mm	50 mm	13 mm	26 mm	50 mm
	Focus	Fixed						
	Field of View	44.5°	25°	12.5°	6.5°	45.4°	23.6°	12.5°
	Calibration	Automatic						
	Auto flip	After tilt 90°, image will automatically flip 180°						
Built-in	Pan range	360° rotating and back-and-forth						
Pan& Tilt	Home point	1-255s (adjustable)						
	Tilt range	360° rotating and up-and-down						
	Tilt speed	0.5° to 120°/s						
	Control mode	IP / Pelco D						
Image Output	Polarity	White & Black Hot						
	Video output	IP protocol / composite						
Environment	Operating temperature	From -40°F to +140°F (-40°C / +60°C)						
	Storage temperature	From -58°F to +149°F (-50°C / +65°C)						
	Weatherproof rate	IP66						
Power supply	Input Voltage	DC 12 V						
	Power dissipation	3W						
Physical characteristics	Weight	9.1 lb/4.1 kg	9.2lb/4.2 kg	9.2lb/4.2 kg	9.5lb/4.3 kg	9.2lb/4.2 kg	9.2lb/4.2 kg	9.5lb/4.3 kg
	Size	13.8” x 8.7” x 8.7” / 350 mm x 220 mm x 220 mm						

OPES SOURCE PROTOCOL

• DIGITAL OUT

• ANALOG OUT

Supports
Pelco D protocol

DOME PAN & TILT HOUSING

ITEM NO.	MODEL NAME	FRAME RATE
TISC3207PT60	TASC 336-07, 336x256, 7 mm, 60 Hz, P&T thermal imaging system	60 Hz
TISC3213PT60	TASC 336-13, 336x256 13 mm, 60 Hz, P&T thermal imaging system	60 Hz
TISC3226PT60	TASC 336-26, 336x256 26 mm, 60 Hz, P&T thermal imaging system	60 Hz
TISC3250PT60	TASC 336-50, 336x256 50 mm, 60 Hz, P&T thermal imaging system	60 Hz
TISC6413PT30	TASC 640-13, 640x480 13 mm, 30 Hz, P&T thermal imaging system	30 Hz
TISC6426PT30	TASC 640-26, 640x480 26 mm, 30 Hz, P&T thermal imaging system	30 Hz
TISC6450PT30	TASC 640-50, 640x480 50 mm, 30 Hz, P&T thermal imaging system	30 Hz

INTERNATIONAL UNITS

TISC3207PT09	TASC 336-07, 336x256, 7 mm, 9 Hz, P&T thermal imaging system	9 Hz
TISC3213PT09	TASC 336-13, 336x256 13 mm, 9 Hz, P&T thermal imaging system	9 Hz
TISC3226PT09	TASC 336-26, 336x256 26 mm, 9 Hz, P&T thermal imaging system	9 Hz
TISC3250PT09	TASC 336-50, 336x256 50 mm, 9 Hz, P&T thermal imaging system	9 Hz
TISC6413PT09	TASC 640-13, 640x512 13 mm, 9 Hz, P&T thermal imaging system	9 Hz
TISC6426PT09	TASC 640-26, 640x512 26 mm, 9 Hz, P&T thermal imaging system	9 Hz
TISC6450PT09	TASC 640-50, 640x512 50 mm, 9 Hz, P&T thermal imaging system	9 Hz

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